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TRANSMITTAL FORM		Application Number		10/774,176			
		Filing Date		February 6, 2004			
		First Named Inventor		Carroll, Miles W.			
(to be used for all correspondence after initial filing)		Art Unit Not yet assign		ssigned			
		Examiner Name		Unknown			
Total Number of Pages in Submission	This	10	Attorne	ey Docket Number	021911-000510US		
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Fee Transmittal Form	1	☐ Drawing(s)		After Allowance Communication to Group			
Fee Attached		Licensi	ing-related Papers		Appeal Communication to Board of Appeals and Interferences		
Amendment/Reply		Petition	ו			al Communication to Group (Appeal , Brief, Reply Brief)	
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Extension of Time Re	Extension of Time Request		nal Disclaimer		Other Enclosure(s) (please identify below):		
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Certified Copy of Priority		Rema	rks	The Commissioner is a Account 20-1430.	authorized to	charge any additional fees to Deposit	
Response to Missing Incomplete Application						,	
Response to Missing Parts under 37 CFR 1.52 or 1.53							
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or Individual Ka	wai Lau			Reg. No	o. 44,461		
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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.							
Typed or printed name	Timothy S. F	Parker	· · · · · ·				
Signature Juny ly			? Pa	-l-	Date	May 11, 2004	

<u>PATENT</u> 211-00051011

Attorney Docket No.: 021911-000510US

Stop Amendment Immissioner for Patents O. Box 1450, Alexandria, VA 22313-1450

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Miles W. Carroll, et al.

Application No.: 10/774,176

Filed: February 6, 2004

For: POLYPEPTIDE

Examiner: Not yet assigned

Art Unit: Not yet assigned

INFORMATION DISCLOSURE

STATEMENT UNDER 37 CFR §1.97 and

§1.98

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The references cited on the attached copies of form PTO 1449 are being called to the attention of the Examiner. These references were cited in Information Disclosure Statements filed in conjunction with the parent application (Application No. 09/533,798, filed March 24, 2000, Attorney Docket No. 021911-000500US), dated August 11, 2000 and September 6, 2000, respectively, and were considered by the Examiner during the prosecution of the aforementioned parent application. In accordance with 37 CFR §1.98(d), copies of the references can be found in said parent application.

Application No.: 10/774,176

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It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that pursuant to 37 C.F.R. § 1.97(b)(3), no fee is required for submission of this statement because this submission is before the mailing of a first Office Action on the merits.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Kawai Lau Reg. No. 44,461

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Sheet 1 of 6 Form PTO-1449 U.S. DEPARTMENT OF COMMERCE SERIAL NO. ATTY, DOCKET NO. (MODIFIED) PATENT AND TRADEMARK OFFICE 078883/0120 09/533,798 **APPLICANT** ERMATION DISCLOSURE CITATION Miles William CARROLL et al. MAY 1 3 2004. **FILING DATE GROUP ART UNIT** Use several sheets if necessary) 3/24/2000 1643 PRADEMAR **U.S. PATENT DOCUMENTS EXAMINER** DOCUMENT FILING DATE SUB-REF DATE CLASS NAME INITIAL IF NUMBER **CLASS** APPROPRIATE **A1** 5,118,672 06/92 Schinazi et al. 514 47 **FOREIGN PATENT DOCUMENTS** DOCUMENT TRANSLATION SUB-REF DATE COUNTRY CLASS NUMBER CLASS YES NO 99/15684 04/99 **WIPO A2** 99/15683 04/99 WIPO **A3** 89/07947 **WIPO** 09/89 A4 92/03568 03/92 **WIPO A5** OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Guschlbauer et al., "Poly-2'-deoxy-2'-fluoro-cytidylic acid: enzymatic synthesis, spectroscopic A6 Characterization and interaction with poly-inosinic acid" 1977 Nucleic Acids Res. 4:1933 Schibahara et al., "Site-directed cleavage of RNA" 1987 Nucleic Acids Res. 15:4403 **A7** Gershon et al, "The nucleotide sequence around the capripoxvirus thymidine kinase gene reveals a gene **8**A Shared specifically with leporipoxvirus" J. Gen. Virol. 70:525, 1989 Weir et al., "Nucleotide sequence of the vaccinia virus thymidine kinase gene and the nature of spontaneous Α9 Frameshift mutations" J. Virol. 46:530 ,1983 Esposito et al., "Nucleotide sequence of the thymidine kinase gene region of monkeypox and variola viruses" A10 Virology 135:561, 1984 A11 Kilpatrick et al., "Cloning and physical mapping of yada monkey tumor virus DNA" Virology 143:399, 1985 Binns et al., "Comparison of a conserved region in fowlpox virus and vaccinia virus gnomes and the A12 translocation of the fowlpox virus thymidine kinase gene"J. Gen. Virol 69:1275, 1988 Schnitzlein et al., "A rapid method for identifying the thymidine kinase genes of avipoxviruses" J. Virological A13 Method 20:341, 1988 Fathi et al., "Efficient targeted insertion of an unselected marker into the vaccinia virus genome" Virology 97-A14 105, 1986 **DATE CONSIDERED EXAMINER** EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.

Sheet 2 of 6 Form PTØ S.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. SERIAL NO. (MODIFIED) ATENT AND TRADEMARK OFFICE 078883/0120 09/533,798 **APPLICANT WISCLOSURE CITATION** Miles William CARROLL et al. FILING DATE **GROUP ART UNIT** BADE (Use several sheets if necessary) 3/24/2000 1643 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Graham et al., "A new technique for the assay of infectivity of human adenovirus 5 DNA" Virol. 52, 456-467. A15 1973 Straibinger et al., "Liposomes as carriers for intracellular delivery of nucleic acids" Methods in Enzymology, A16 101: 512-527 1983 Studier et al., "Use of T7 RNA polymerase to direct expression of cloned genes" Methods in Enzymol. A17 185: 60-89, 1990 A18 Matthias et al., "Eukaryotic expression vectors for the analysis of mutant proteins" 1989 NAR 17, 6418 Wootton & Federhen, "Statistics of local complexity in amino acid sequences and sequence database" 1993, A19 Computers and Chemistry 17:149-163 Myers et al., "Isolation of a cDNA encoding 5T4 oncofetal trophoblast glycoprotein" 1994 J. Biol. Chem. A20 169:9319-9324 A21 Starzynska et al., "Prognostic significance of 5T4 oncofetal antigen expression in colorectal" Br. J. Cancer 1994 May: 69(5):899-902 Starzynska et al., "The expression of 5T4 antigen in colorectal and gastic carcinoma" Br. J. Cancer 1992 A22 Nov: 66(5):867-869 A23 Hobbs et al., "polynucleotides containing 2'-amino-2'-deoxyribose and 2'-azido-2'deoxyribose"1973 Biochemistry 12:5138 Starzynska et al., "5T4 oncofetal antigen in gastric carcinoma and its clinical significance" Eur J. A24 Gastroenterol Hepatol 1998 Jun; 10(6)479-484 Carsberg et al., "Metastasis-associated 5T4 antigen disrupts cell-cell contacts and induces cellular motility in A25 epithelial cells" 1996, Int J Cancer Sep 27; 68(1):84-92 Yewdell et al., "TAP-independent delivery of antigenic peptides to the endoplasmic reticulum: therapeutic A26 potential and insights into TAP-dependent antigen processing" 1998 J Immunotherapy 21:127-31 Calvert et al., "Fowlpox virus recombinants expressing the envelope glycoprotein of an avian A27 reticuloendotheliosis retrovirus induce neutralizing antibodies and reduce viremia in chickens" J. of Virol 67:3069-3076, 1993 Carroll et al., "Construction and characterization of a triple-recombinant vaccinia virus encoding B7-1, A28 interleukin 12, and a model tumor antigen" 1998 J. Natl. Cancer Inst. 90(24):1881-1887 A29 "Two bright new faces in gene therapy" Nature Biotechnology 1996 14; 556 **EXAMINER DATE CONSIDERED** EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.

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Sheet 6 of 6 Form PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY, DOCKET NO. SERIAL NO. (MODIFIED) PATENT AND TRADEMARK OFFICE 078883/0120 09/533,798 APPLICANT INFORMATION DISCLOSURE CITATION Miles William CARROLL et al. FILING DATE **GROUP ART UNIT** (Use several sheets if necessary) 3/24/2000 1643 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Sutter and Moss, "Nonreplicating vaccinia vector efficiently expresses recombinant genes" 1992 Proc. Natl. A67 Acad Sci USA 89:10847-10851 Bronte et al., "Antigen expression by dendritic cells correlates with the therapeutic effectiveness of a model A68 recombinant poxvirus tumor vaccine" 1997, Proc. Natl Acad Sci USA 94(7):3183-3188 Wyatt et al., "Replication-deficient vaccinia virus encoding bacteriophage T7 RNA polymerase for transient A69 gene expression in mammalian cells" 1995 Virology 210:202-205 Carroll et al., "Highly attenuated modified vaccinia virus Ankara (MVA) as an effective recombinant vector; a A70 Murine tumor model" 1997 Vaccine, 15:387-394 Sutter et al, "Non-replication vaccinia vector efficiently expresses bacteriophage T7 RNA polymerase" A71 1995 FEBS lett. 371:9-12 A72 Overwijk et al, "gp100/pmel 17 is a murine tumor rejectio antigen induction of "Self" - reactive, tumoricidal T cells using high-affinity, altered peptide ligand", (1998) J. Exp. Med. 188: 277-286 A73 Hole N, and Stern PL, "Isolation and characterization of 5T4, a tumor-associated antigen", (1990) Int. J. Cancer 45(1): 179-184 **EXAMINER DATE CONSIDERED** EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to

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